

2023 BIENNIAL SOLID WASTE CAPACITY REPORT

(Fiscal Year 2022 and Fiscal Year 2023)

House Natural Resources and Environment Committee
and
Senate Committee on Environmental Quality



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Louisiana Department of Environmental Quality
Office of Environmental Services
Waste Permits Division
P.O. Box 4313
Baton Rouge, Louisiana 70821-4313

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Executive Summary

La. R.S. 30:2162(A) requires the Louisiana Department of Environmental Quality (LDEQ) to evaluate the volume and types of solid waste managed in Louisiana every two years. This evaluation includes information for Fiscal Year 2022 and Fiscal Year 2023 (FY22 and FY23). It includes a determination of permitted capacity available to safely manage solid waste generated in the state.

After careful review, the LDEQ has determined that Louisiana currently has sufficient capacity to manage the solid wastes generated in Louisiana. Additionally, solid waste disposal capacity in the state is determined to be appropriate in amount relative to current and anticipated solid waste generation.

Capacity is just one of the factors used in the evaluation process of a solid waste permit application. Other factors considered include, but are not limited to, service area, zoning, ability to comply with regulatory requirements, public participation, and compliance history. It is important to continue planning for additional capacity well in advance to ensure a smooth transition and continued efficiency in waste management.

Table 1 displays the estimated remaining years of landfill capacity by region at Off-Site Generated Industrial Solid Waste (Type I) and Municipal Solid Waste (Type II) Landfills, and **Table 2** displays the estimated remaining years of landfill capacity at Construction/Demolition (C&D) Debris (Type III) Landfills. The estimated years remaining are calculated by dividing the remaining capacity by the annual 10-year average disposal rate.

Table 1 – Off-Site Generated Industrial (Type I) and Municipal (Type II) Solid Waste ¹			
Region	Annual Disposal Rate 10-Year Average (wet tons/year)	Remaining Capacity (wet tons)	Estimated Years Remaining
Acadiana	685,579	32,502,820	47
Capital	1,792,592	59,106,906	33
Northeast	598,688	30,633,483	51
Northwest	660,099	36,787,179	56
Southeast	1,688,899	40,530,562	24
Southwest	289,640	5,472,586	19

Table 2 - Construction/Demolition (C&D) Debris (Type III)			
Region	Annual Disposal Rate 10-Year Average (wet tons/year)	Remaining Capacity (wet tons)	Estimated Years Remaining
Acadiana	203,523	4,189,998	21
Capital	254,541	10,241,302	40
Northeast	64,038	2,164,412	34
Northwest	103,845	2,574,132	25
Southeast	553,292	38,461,911	70
Southwest	398,628	5,562,839	14

¹ The estimated lifespan for Industrial (Type I) Solid Waste Landfills that receive waste generated from an off-site location cannot be determined due to the presence of multi-type landfills and the on-site disposal of industrial solid waste. **Table 1** consolidates data for both Off-Site Generated Industrial Solid Waste (Type I) and Municipal Solid Waste (Type II), as several multi-type landfills are capable of accepting both types of waste.

Background

Louisiana has a comprehensive solid waste management program. The various areas of responsibility for the state and local governments regarding solid waste management are addressed in state law under Louisiana Revised Statutes (R.S.) Title 30, Subtitle II (Environmental Quality Act). These sections of law establish authority for the Secretary of LDEQ to adopt rules and regulations with respect to solid waste management. The solid waste regulations are codified into the Louisiana Administrative Code by the Office of the State Register and into the Environmental Regulatory Code by the LDEQ (Title 33, Part VII). A copy of LDEQ's governing statutes and regulations can be found on LDEQ's website at <http://deg.louisiana.gov/page/rules-regulations>.

Solid waste can only be processed and/or disposed of at one of the following defined types of facilities: Type I, I-A, II, II-A, and III Facility. However, the focus of this report is the remaining disposal capacity for Type I, Type II, and Type III Landfills. Of particular interest are the Type II Landfills as most solid waste generated by residential and commercial establishments (i.e., municipal waste) is disposed at these landfills.

Commercial and residential solid waste is reported as municipal solid waste in this report. Additionally, for the purpose of disposal at Type III Landfills, woodwaste and yard trash are reported with C&D debris.

Unless otherwise noted, the information used in this report was derived from the Annual Certification of Compliance Reports (COC). These reports are submitted in accordance with LAC 33:VII.525, and all permitted facilities are required to submit an Annual COC by October 1st of each year covering the period of July 1 to June 30 immediately preceding the October 1 submittal date.

The solid waste regulations² define various terms to categorize solid waste and solid waste management practices. Terms important to this capacity evaluation, as defined in LAC 33:VII.115, are as follows:

² See LAC 33:VII.115.

Definitions

Commercial Solid Waste:

All types of solid waste generated by stores, offices, restaurants, warehouses, and other nonmanufacturing activities, excluding residential and industrial solid wastes.

Construction/Demolition (C&D) Debris:

Nonhazardous waste generally considered not water-soluble that is produced in the process of construction, remodeling, repair, renovation, or demolition of structures, including buildings of all types (both residential and non-residential). Solid waste that is not *C&D debris* (even if resulting from the construction, remodeling, repair, renovation, or demolition of structures) includes, but is not limited to, *regulated asbestos-containing material (RACM)* as defined in LAC 33:III.5151.B, white goods, creosote-treated lumber, and any other item not an integral part of the structure.

Disease Vector:

Animals such as rodents, fleas, flies, mosquitoes, and other arthropods, that are capable of transmitting diseases to humans.

Industrial Solid Waste:

Solid waste generated by a manufacturing, industrial, or mining process, or that is contaminated by solid waste generated by such a process. Such waste may include, but is not limited to, waste resulting from the following manufacturing processes: electric power generation; fertilizer/agricultural chemicals; food and related products; byproducts; inorganic chemicals; iron and steel manufacturing; leather and leather products; nonferrous metals manufacturing/foundries; organic chemicals; plastics and resins manufacturing; pulp and paper industry; rubber and miscellaneous plastic products; stone, glass, clay, and concrete products; textile manufacturing; and transportation equipment. This term does not include hazardous waste regulated under the Louisiana hazardous waste regulations or under federal law, or waste that is subject to regulation under the Office of Conservation's Statewide Order No. 29-B or by other agencies.

Municipal Solid Waste (MSW) Landfill:

An entire disposal facility in a contiguous geographical space where residential solid waste and/or commercial solid waste is placed in or on land.

Off-Site Processing/Disposal Area:

A location for the processing and/or disposal of solid waste that is not on the generator's site.

On-Site Processing/Disposal Area:

The land area and appurtenances thereon used for processing and/or disposal of solid waste on the same property or on geographically contiguous property, where waste is generated. Two or more pieces of property that are geographically contiguous but divided by public or private rights-of-way are considered a single site.

Process:

A method or technique, including recycling, recovering, compacting (but not including compacting that occurs solely within a transportation vehicle or at a non-processing transfer station), composting, incinerating, shredding, baling, recovering resources, pyrolyzing, or any other method or technique that is designed to change the physical, chemical, or biological character or composition of a solid waste to render it safer for transport, reduced in volume, or amenable for recovery, storage, reshipment, or resale. The definition of *process* does not include treatment of wastewaters to meet state or federal wastewater discharge permit limits. Neither does the definition include activities of an industrial generator to simply separate wastes from the manufacturing process, nor does it include separating recyclable material from commercial waste streams at a *non-processing transfer station*.

Putrescible:

Susceptible to rapid decomposition by bacteria, fungi, or oxidation, creating noxious odors.

Residential Solid Waste:

Any solid waste (including garbage, trash, yard trash, and sludges from residential septic tanks and wastewater treatment facilities) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day-use recreation areas).

Woodwaste:

Yard trash and types of waste generated by land and right-of-way clearing operations, sawmills, plywood mills, and wood yards associated with the lumber and paper industry, such as wood residue, cutoffs, wood chips, sawdust, wood shavings, bark, wood refuse, wood-fired boiler ash, wood ash, and plywood or other bonded materials that contain only polyurethane, phenolic-based glues, or other glues that are approved specifically by the administrative authority. Uncontaminated, untreated or unpainted lumber or wooden pallets are considered woodwaste under this definition.

Type I Facility:

A facility used for disposing of industrial solid wastes (e.g., a landfill, surface impoundment, or landfarm). (If the facility is used for disposing of residential or commercial solid waste, it is also a Type II facility.)

Type I-A Facility:

A facility used for processing industrial solid waste (e.g., a transfer station (processing), shredder, baler, etc.). (If the facility is used for processing residential or commercial solid waste, it is also a Type II-A facility.)

Type II Facility:

A facility used for disposing of residential and/or commercial solid waste (e.g., a landfill, surface impoundment, or landfarm). (If the facility is used for disposing of industrial solid waste, it is also a Type I facility.)

Type II-A Facility:

A facility used for processing residential, infectious, or commercial solid waste (e.g., a transfer station (processing), composting municipal solid waste facility, refuse-derived fuel facility, shredder, baler, autoclave, etc.). (If the facility is used for processing industrial solid waste, it is also a Type I-A facility.)

Type III Facility:

A facility used for disposing or processing of construction/demolition debris or woodwaste, composting organic waste to produce a usable material, or separating recyclable wastes (e.g., a construction/demolition-debris or woodwaste landfill, separation facility, or composting facility).

In addition, to assist in compiling the annual reports and to ensure reliable estimates, the LDEQ uses the following terms as defined in the *Guidance Document for Determining Solid Waste Landfill Capacity* on the LDEQ's website at <http://deq.louisiana.gov/assets/docs/Land/GuidDocCapRpt2.docx>.

Permitted Capacity:

The initial total volume of waste expressed in cubic yards that a specific bounded facility (total landfill disposal area) is capable of accepting for disposal under an issued permit, *i.e.*, for the permit's duration.

Used Capacity:

The volume of waste expressed in cubic yards that has been disposed at a specific bounded facility operating under an issued permit.

Remaining Capacity:

The volume of waste expressed in cubic yards that may be disposed in an unused permitted disposal area at a specific bounded facility under an existing permit (for the permit's duration). The remaining capacity is determined by subtracting the amount of capacity that has been used from the total permitted capacity.

Industrial Solid Waste Management

For FY22 and FY23, approximately 18,835,410 wet-tons of industrial solid waste were disposed at Industrial Solid Waste (Type I) Landfills.

During this reporting period, 38 Type I Landfills were permitted to dispose industrial solid waste. One landfill has not yet been constructed³. Of the remaining 37 landfills, 19 are Type I Landfills, which dispose only industrial solid waste and 18 are multi-type landfills and dispose industrial solid waste, along with municipal solid waste and/or C&D debris. Additionally, of the remaining 37 landfills, 19 landfills are permitted to accept off-site generated industrial waste. This report analyzes 17 landfills that accept waste from off-site⁴. When evaluating industrial waste capacity, landfills that only accept waste produced onsite are excluded from the assessment. This exclusion is due to the fact that these landfills handle waste exclusively generated by their respective facilities, and therefore, their capacities are solely influenced by the onsite waste production.

Tables 3 through 8 detail FY23 regional data for accepted waste and reported remaining capacities. Permitted Type I Landfills report accepted waste for the fiscal year in three categories:

- Waste generated on site;
- Waste generated off site (in state); and
- Waste generated off site (out of state).

All data in the tables in this section is reported annually by each facility in the form of a COC, unless otherwise stated.

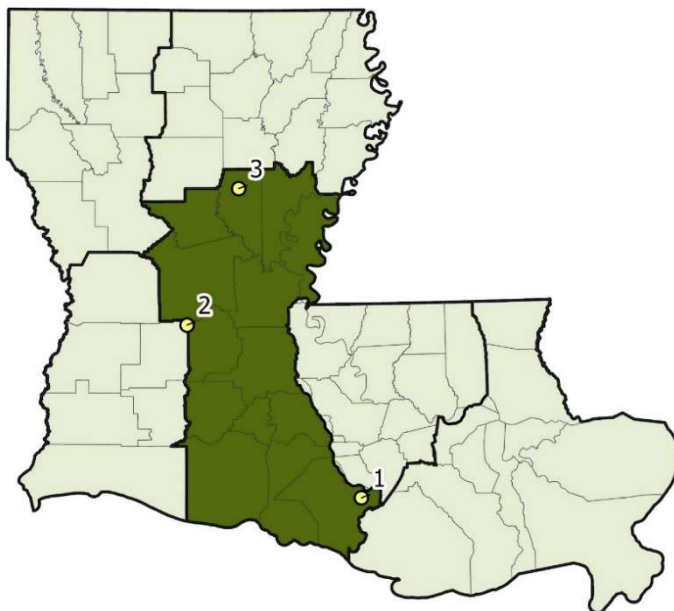
³ The International Paper Bogalusa Landfill is not constructed and is not included in this capacity evaluation.

⁴ Tensas Parish Police Jury - Sanitary Landfill and East Baton Rouge Parish North Landfill were not included in the industrial waste capacity analysis for the following reasons: inactivity and the landfill not currently accepting industrial waste, respectively.

Acadiana Region Landfills that Accept Industrial Solid Waste

Table 3 – Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
ACADIANA REGION								
9340	St Mary Parish Government - Harold J "Babe" Landry Landfill	I, II, III	10,061	0	4,967,532	2,057,683	1,908,938	292
19447	LaSalle Parish Police Jury - LaSalle-Grant Sanitary Landfill ⁵	I, II	0	0	3,256,842	26,508,720	-	-
52277	Louisiana Regional Landfill Co – Timberlane Landfill ⁶	I, II	25,213	0	30,472,500	25,660,378	25,691,977	667
	Regional Totals⁷		35,274	0	38,696,874	54,226,781	27,600,915	



Acadiana Region Map

1. St Mary Parish Government - Harold J "Babe" Landry Landfill
2. Louisiana Regional Landfill Co – Timberlane Landfill
3. LaSalle Parish Police Jury - LaSalle-Grant Sanitary Landfill

Figure 1 Landfills that Accept Industrial Solid Waste for the Acadiana Region (Reference **Table 3**)

⁵ Landfill was certified closed in 2022 and no longer accepting waste.

⁶ Timberlane Landfill is located in the Southwest Region, but the landfill mostly accepts waste from Alexandria, Louisiana, so will be considered to be located in the Acadiana Region.

⁷ The total remaining capacity for the region (in wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Capital Region Landfills that Accept Industrial Solid Waste

Table 4 - Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
CAPITAL REGION								
4803	Colonial Landfill	I, II	134,474	0	33,602,673	16,296,180	16,992,228	708
11767	Woodside Sanitary Landfill	I, II	368,343	0	43,399,010	22,976,605	21,321,520	284
25491	Reliable Landfill LLC	I, II	73,198	1,172	4,130,876	4,130,876	2,705,904	249
51761	Tradebe Treatment and Recycling of Baton Rouge, LLC	I	74,472	0	3,780,000	7,227,157	3,572,199	651
	Regional Totals⁸		652,776	1,172	84,912,559	50,630,818	44,591,851	



Capital Region Map

1. Colonial Landfill
2. Woodside Sanitary Landfill
3. Reliable Landfill LLC
4. Tradebe Treatment and Recycling of Baton Rouge, LLC

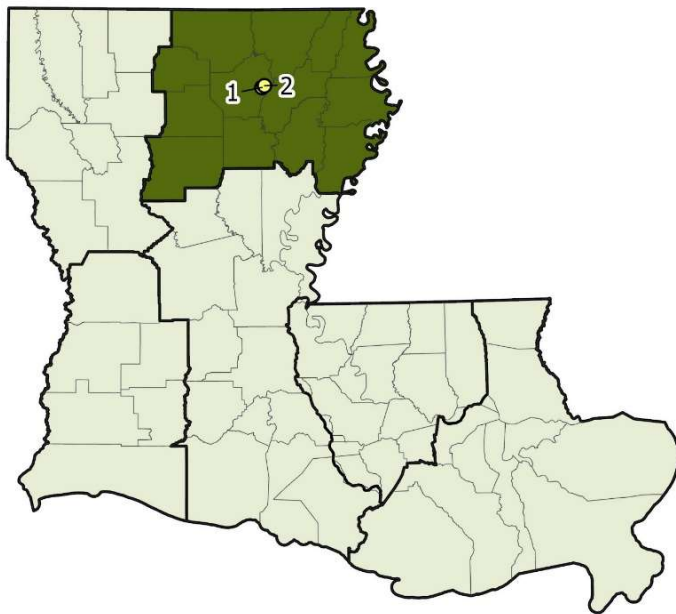
Figure 2 Landfills that Accept Industrial Solid Waste for the Capital Region
(Reference **Table 4**)

⁸ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northeast Region Landfills that Accept Industrial Solid Waste

Table 5 - Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHEAST REGION								
12241	Magnolia Sanitary Landfill	I, II	9,471	4,137	20,577,998	9,877,498	11,068,950	759
41194	WCI - White Oaks Landfill LLC	I, II, III	36,311	500	23,498,866	18,800,556	18,314,291	960
	Regional Totals⁹		45,783	4,637	44,076,864	28,678,054	29,383,241	



Northeast Region Map

1. Magnolia Sanitary Landfill
2. WCI - White Oaks Landfill LLC

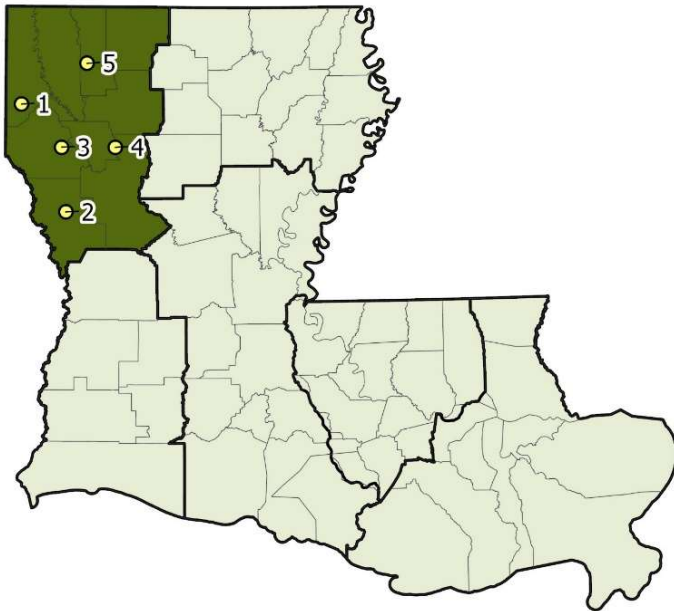
Figure 3 Landfills that Accept Industrial Solid Waste for the Northeast Region (Reference **Table 5**)

⁹ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northwest Region Landfills that Accept Industrial Solid Waste

Table 6 - Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHWEST REGION								
9077	Woolworth Road Regional Solid Waste Facility	I, II	52,816	0	29,203,380	14,459,174	21,250,323	603
12448	Sabine Parish Sanitary Landfill	I, II	41,865	123,405	8,719,839	3,449,162	2,921,907	170
19803	DeSoto Parish Police Jury - Mundy Sanitary Landfill	I, II, III	283,913	0	4,561,000	1,888,124	999,352	34
85534	Webster Parish Solid Waste Landfill	I, II	143,424	0	16,135,096	10,952,885	10,687,721	1,056
207604	Sugar Creek Landfill	I	3,771	0	1,930,000	1,930,000	1,926,229	240
	Regional Totals¹⁰		525,790	123,405	60,549,315	32,679,345	37,785,532	



Northwest Region Map

1. Woolworth Road Regional Solid Waste Facility
2. Sabine Parish Sanitary Landfill
3. DeSoto Parish Police Jury - Mundy Sanitary Landfill
4. Sugar Creek Landfill
5. Webster Parish Solid Waste Landfill

Figure 4 Landfills that Accept Industrial Solid Waste for the Northwest Region (Reference **Table 6**)

¹⁰ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southeast Region Landfills that Accept Industrial Solid Waste

Table 7 - Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023								
AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHEAST REGION								
6961	Jefferson Parish Sanitary Landfill	I, II	37,351	0	21,643,654	11,467,014	10,374,389	1,450
32219	River Birch Landfill	I, II	18,114	0	58,800,000	29,751,348	28,184,491	260
	Regional Totals¹¹		55,465	0	80,443,654	41,218,362	38,558,880	



Southeast Region Map

1. Jefferson Parish Sanitary Landfill
2. River Birch Landfill

Figure 5 Landfills that Accept Industrial Solid Waste for the Southeast Region (Reference **Table 7**)

¹¹ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southwest Region Landfills that Accept Industrial Solid Waste

Table 8 - Remaining Capacity and Disposal for Landfills that Accept Industrial Solid Waste for Fiscal Year 2023								
AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHWEST REGION								
12389	Jefferson Davis Parish Sanitary Landfill Commission	I, II	61,741	0	16,895,367	6,160,545	5,472,586	186
Regional Totals¹²			61,741	0	16,895,367	6,160,545	5,472,586	



Southwest Region Map

1. Jefferson Davis Parish Sanitary Landfill Commission

Figure 6 Landfills that Accept Industrial Solid Waste for the Southwest Region (Reference **Table 8**)

¹² The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Municipal (Commercial and Residential) Waste Management

For FY22 and FY23, approximately 9,117,776 wet-tons¹³ of municipal solid waste (MSW) was disposed at MSW Landfills. Of this total, approximately 1.130% (103,040 wet-tons) was generated out of state.

During this reporting period, 24 permitted Type II Landfills were in operation to dispose MSW¹⁴. Most of these are multi-type landfills permitted to dispose MSW, along with industrial solid waste and/or C&D debris.

Seven of the 24 Type II Landfills are privately-owned, while the remaining 17 Type II Landfills are publicly-owned. Of the 17 publicly-owned MSW Landfills, three are permitted to accept only in-parish generated waste (Acadia Parish Sanitary Landfill, Vermilion Parish Municipal Landfill, and Washington Parish Choctaw Road Landfill). The remaining 14 Type II Landfills accept wastes from outside the parish, including out-of-state generated waste.

Tables 9 through 14 detail FY23 regional data for accepted waste and reported remaining capacities. Permitted Type II Landfills report accepted waste for the fiscal year in three categories:

- waste generated on site;
- waste generated off site (in state); and
- waste generated off site (out of state).

All data in the tables in this section is reported annually by each facility in the form of a COC, unless otherwise stated.

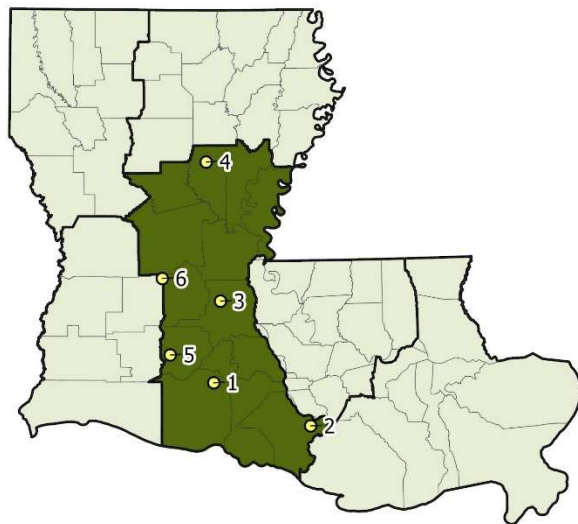
¹³ This amount includes C&D debris disposed in Type III Landfills.

¹⁴ Seven of the 24 operating landfills have C&D debris cells constructed separately from the Type I/II cells. The amount of C&D debris disposed in these cells is reported in the section of this report on C&D debris disposal capacity.

Acadiana Region Landfills that Accept Municipal Solid Waste

Table 9 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
ACADIANA REGION								
148	Vermilion Parish Police Jury - Municipal Landfill	II, III	36,729	0	502,337	46,023	10,058	12
9340	St Mary Parish Government - Harold J "Babe" Landry Landfill	I, II, III	60,308	0	5,064,164	2,057,683	1,908,938	292
19220	St Landry Parish Solid Waste Disposal District	II	91,309	0	4,229,756	2,270,727	2,088,733	222
19447	LaSalle Parish Police Jury - LaSalle-Grant Sanitary Landfill ¹⁵	I, II	0	0	—	26,508,720	—	—
20036	Acadia Parish Police Jury - Acadia Parish Sanitary Landfill	II, III	50,530	0	4,124,345	1,887,910	2,803,114	550
52277	Louisiana Regional Landfill Co - Timberlane Landfill ¹⁶	I, II	394,144	0	30,472,500	25,660,378	25,691,977	667
	Regional Totals¹⁷		633,020	0	43,022,790	58,431,441	32,502,820	



Acadiana Region Map

1. Vermilion Parish Police Jury - Municipal Landfill
2. St Mary Parish Government - Harold J "Babe" Landry Landfill
3. St Landry Parish Solid Waste Disposal District
4. LaSalle Parish Police Jury - LaSalle-Grant Sanitary Landfill
5. Acadia Parish Police Jury - Acadia Parish Sanitary Landfill
6. Louisiana Regional Landfill Co - Timberlane Landfill

Figure 7 Landfills that Accept Municipal Solid Waste for the Acadiana Region (Reference **Table 9**)

¹⁵ Landfill was certified closed in 2022 and no longer accepting waste.

¹⁶ Timberlane Landfill is located in the Southwest Region, but the landfill mostly accepts waste from Alexandria, Louisiana, so will be considered to be located in the Acadiana Region.

¹⁷ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Capital Region Landfills that Accept Municipal Solid Waste

Table 10 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
CAPITAL REGION								
4803	Colonial Landfill	I, II	151,466	0	33,602,673	16,296,180	16,992,228	708
11767	Woodside Sanitary Landfill	I, II	480,138	24	43,399,010	22,976,605	21,321,520	284
25491	Reliable Landfill LLC	I, II	53,379	3	4,130,876	4,130,876	2,705,904	249
31128	East Baton Rouge Parish North Landfill	I, II, II-A, III	511,360	0	24,480,000	12,198,548	11,297,812	276
43470	Tangipahoa Parish Regional Solid Waste Facility	II	158,098	18	8,940,000	3,581,063	3,217,243	232
	Regional Totals¹⁸		1,354,441	45	111,989,556	59,183,272	55,534,707	



Capital Region Map

1. Colonial Landfill
2. Woodside Sanitary Landfill
3. Reliable Landfill LLC
4. East Baton Rouge Parish North Landfill
5. Tangipahoa Parish Regional Solid Waste Facility

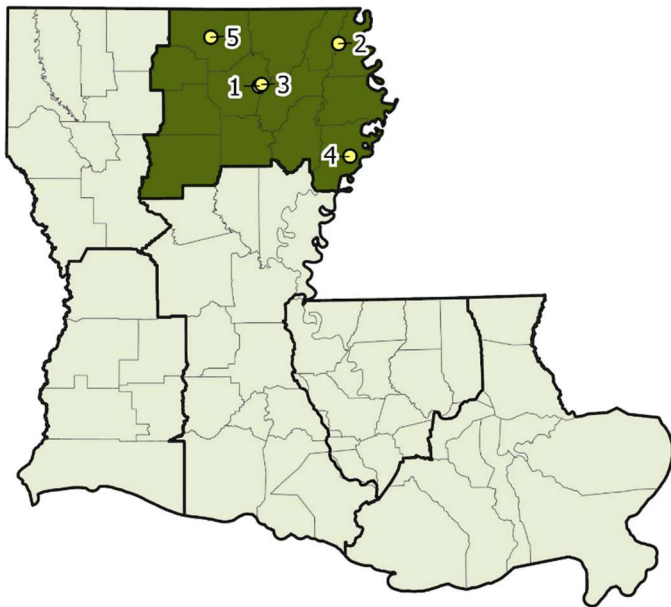
Figure 8 Landfills that Accept Municipal Solid Waste for the Capital Region
(Reference **Table 10**)

¹⁸ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northeast Region Landfills that Accept Municipal Solid Waste

Table 11 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHEAST REGION								
12241	Magnolia Sanitary Landfill	I, II	102,390	37,594	20,557,998	9,877,498	11,068,950	759
20079	West Carroll Parish Police Jury - Sanitary Landfill	II, III	19,829	4,229	535,000	511,773	463,635	60
41194	WCI - White Oaks Landfill LLC	I, II, III	193,966	1,757	20,509,058	18,800,556	18,314,291	960
43506	Tensas Parish Police Jury - Sanitary Landfill ¹⁹	I, II, III	0	0	12,042,864	10,447,752	10,447,752	1,848
69378	Union Parish Sanitary Landfill	II	82,668	0	3,195,058	951,170	786,607	160
	Regional Totals²⁰		398,854	43,579	56,839,978	40,588,749	41,081,235	



Northeast Region Map

1. Magnolia Sanitary Landfill
2. West Carroll Parish Police Jury - Sanitary Landfill
3. WCI - White Oaks Landfill LLC
4. Tensas Parish Police Jury - Sanitary Landfill
5. Union Parish Sanitary Landfill

Figure 9 Landfills that Accept Municipal Solid Waste for the Northeast Region (Reference **Table 11**)

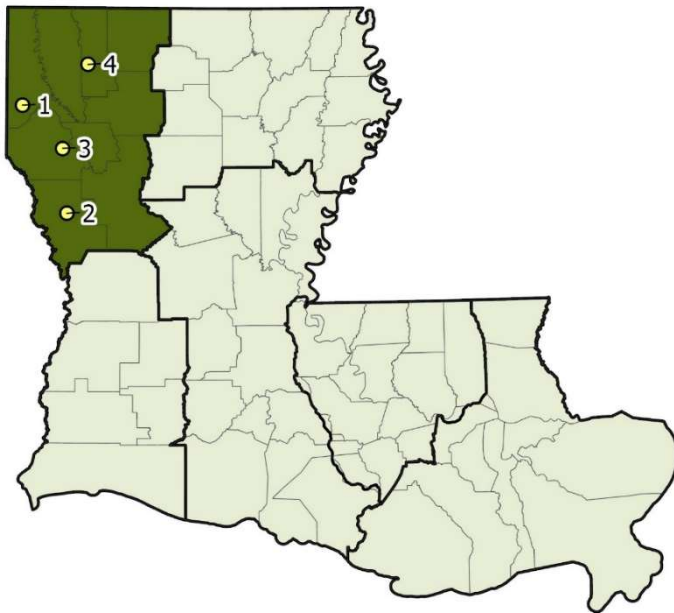
¹⁹ Temporarily inactive.

²⁰ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northwest Region Landfills that Accept Municipal Solid Waste

Table 12 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHWEST REGION								
9077	Woolworth Road Regional Solid Waste Facility	I, II	245,408	2,588	29,203,380	14,459,174	21,250,323	603
12448	Sabine Parish Sanitary Landfill	I, II	16,291	6,969	8,719,839	3,449,162	2,921,907	170
19803	DeSoto Parish Police Jury - Mundy Sanitary Landfill	I, II, III	66,923	22	4,561,000	1,888,124	999,352	34
85534	Webster Parish Solid Waste Landfill	I, II	86,873	0	16,135,096	10,952,885	10,687,721	1,056
	Regional Totals²¹		415,494	9,580	58,619,315	30,749,345	34,860,950	



Northwest Region Map

1. Woolworth Road Regional Solid Waste Facility
2. Sabine Parish Sanitary Landfill
3. DeSoto Parish Police Jury - Mundy Sanitary Landfill
4. Webster Parish Solid Waste Landfill

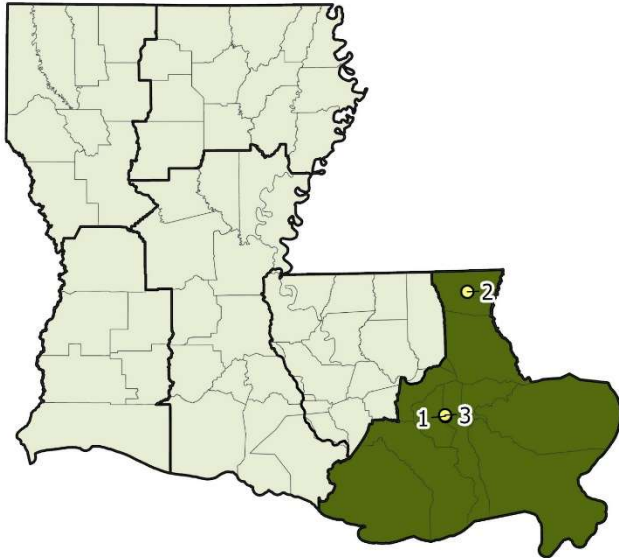
Figure 10 Landfills that Accept Municipal Solid Waste for the Northwest Region (Reference **Table 12**)

²¹ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southeast Region Landfills that Accept Municipal Solid Waste

Table 13 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHEAST REGION								
6961	Jefferson Parish Sanitary Landfill	I, II	961,962	0	21,643,654	11,467,014	10,374,389	1,450
20076	Washington Parish Police Jury - Choctaw Road Landfill	II	34,634	0	2,044,022	2,083,257	1,971,682	120
32219	River Birch Landfill	I, II	295,854	0	58,800,000	29,751,348	28,184,491	260
	Regional Totals²²		1,292,450	0	82,487,676	43,301,619	40,530,562	



Southeast Region Map

1. Jefferson Parish Sanitary Landfill
2. Washington Parish Police Jury - Choctaw Road Landfill
3. River Birch Landfill

Figure 11 Landfills that Accept Municipal Solid Waste for the Southeast Region
(Reference **Table 13**)

²² The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southwest Region Landfills that Accept Municipal Solid Waste

Table 14 - Remaining Capacity and Disposal for Landfills that Accept Municipal Solid Waste for Fiscal Year 2023								
AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHWEST REGION								
12389	Jefferson Davis Parish Sanitary Landfill Commission	I, II	290,610	0	16,895,367	6,160,545	5,472,586	186
	Regional Totals²³		290,610	0	16,895,367	6,160,545	5,472,586	



Southwest Region Map

1. Jefferson Davis Parish Sanitary Landfill Commission

Figure 12 Landfills that Accept Municipal Solid Waste for the Southwest Region
(Reference **Table 14**)

²³ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Construction and Demolition (C&D) Debris Waste Management

Since construction and demolition (C&D) debris is relatively inert, non-putrescible, and not likely to promote disease vectors, permitted C&D debris (Type III) Landfills do not have to meet the more stringent federal and state requirements necessary for Type I/II Landfills. Therefore, Type III Landfills, in contrast to Type I/II Landfills, are less costly to construct and to operate.

The United States Environmental Protection Agency (USEPA) has estimated that C&D debris contributes up to 45% of the waste disposed in permitted landfills in the United States.²⁴ Therefore, if not for permitted Type III Landfills, Louisiana would face a significant reduction in the remaining capacity of the permitted Type I/II Landfills.

For FY22 and FY23, approximately 3,536,159 wet-tons of C&D debris was disposed at 35 different landfills. Of the 35 landfills, 28 are Type III Landfills and seven are multi-type (Type I/II/III Landfills).

Tables 15 through 20 detail FY23 regional data for accepted waste and reported remaining capacities. Permitted Type III Landfills report accepted waste for the fiscal year in three categories:

- waste generated on site;
- waste generated off site (in state); and
- waste generated off site (out of state).

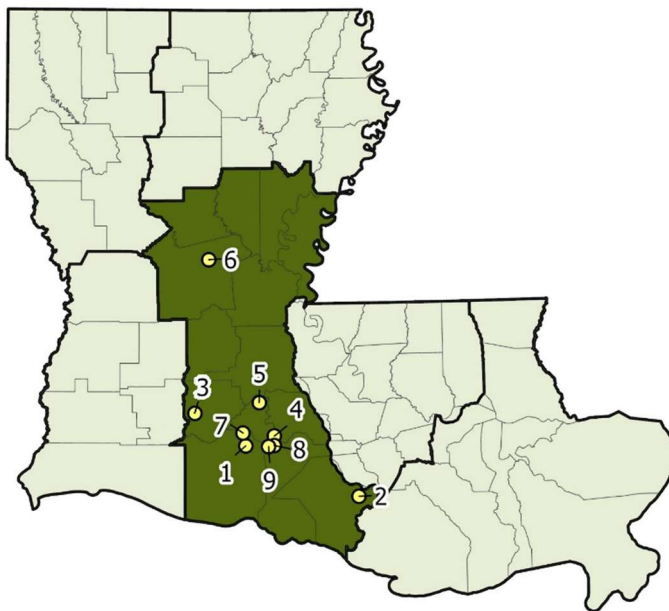
All data in the tables below is reported annually by each facility in the form of a COC, unless otherwise stated.

²⁴ Environmental Protection Agency. (1998). *Characterization of Building-Related Construction and Demolition Debris in the United States (EPA530-R-98-010)*. Washington, DC: U.S. Environmental Protection Agency.

Acadiana Region Landfills that Accept C&D Debris

Table 15 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
ACADIANA REGION								
148	Vermilion Parish Police Jury - Municipal Landfill	II, III	14,696	0	771,425	53,343	110,130	54
9340	St Mary Parish Government - Harold J "Babe" Landry Landfill	I, II, III	6,674	0	518,362	338,078	320,123	488
20036	Acadia Parish Police Jury - Acadia Parish Sanitary Landfill	II, III	2,711	0	1,215,589	857,287	2,538,860	11239
24093	Greenpoint C&D Landfill	III	17,144	0	335,000	24,005	24,519	11
28008	Angco C&D Landfill	III	61,260	0	1,216,368	997,072	898,991	312
28070	City of Pineville Wardville C&D Landfill	III	31	0	78,000	28,578	27,891	144
80799	Pellerin & Wallace C&D Landfill	III	18,088	0	197,377	140,582	92,057	67
113894	Iberia Parish C&D Landfill	III	1,917	0	52,637	7,281	7,281	42
184164	Pace Landfill, LLC	III	262,332	0	436,764	102,230	170,146	71
Regional Totals²⁵			384,852	0	4,821,522	2,548,456	4,189,998	



Acadiana Region Map

1. Vermilion Parish Police Jury - Municipal Landfill
2. St Mary Parish Government - Harold J "Babe" Landry Landfill
3. Acadia Parish Police Jury - Acadia Parish Sanitary Landfill
4. Greenpoint C&D Landfill
5. Angco C&D Landfill
6. City of Pineville Wardville C&D Landfill
7. Pellerin & Wallace C&D Landfill
8. Iberia Parish C&D Landfill
9. Pace Landfill, LLC

Figure 13 Landfills that Accept C&D Debris for the Acadiana Region (Reference **Table 15**)

²⁵ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Capital Region Landfills that Accept C&D Debris

Table 16 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
CAPITAL REGION								
42610	Ronaldson Field Landfill	III	127,193	0	2,100,000	1,025,000	2,400,000	226
154502	Gator C&D Landfill	III	79,890	0	7,987,710	1,107,894	7,841,302	1178
	Regional Totals²⁶		207,083	0	10,087,710	2,132,894	10,241,302	



Capital Region Map

1. Ronaldson Field Landfill
2. Gator C&D Landfill

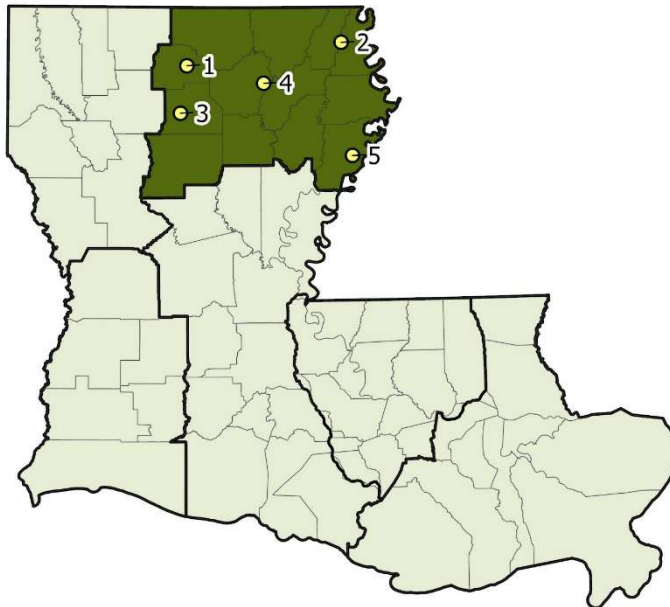
Figure 14 Landfills that Accept C&D Debris for the Capital Region (Reference **Table 16**)

²⁶ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northeast Region Landfills that Accept C&D Debris

Table 17 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHEAST REGION								
19444	Lincoln Parish C&D Debris Landfill	III	2,745	0	125,500	15,568	8,826	24
20079	West Carroll Parish Police Jury - Sanitary Landfill	II, III	333	0	200,000	199,324	198,352	312
25814	Jackson Parish C&D Landfill	III	1,432	0	85,684	48,144	44,283	200
41194	WCI - White Oaks Landfill LLC	I, II, III	19,245	0	2,989,808	1,963,422	1,912,951	936
43506	Tensas Parish Police Jury - Sanitary Landfill ²⁷	I, II, III	0	0	3,715,795	3,678,018	3,678,018	1,848
	Regional Totals²⁸		384,852	0	7,116,787	5,904,476	5,842,430	



Northeast Region Map

1. Lincoln Parish C&D Debris Landfill
2. West Carroll Parish Police Jury - Sanitary Landfill
3. Jackson Parish C&D Landfill
4. WCI - White Oaks Landfill LLC
5. Tensas Parish Police Jury - Sanitary Landfill

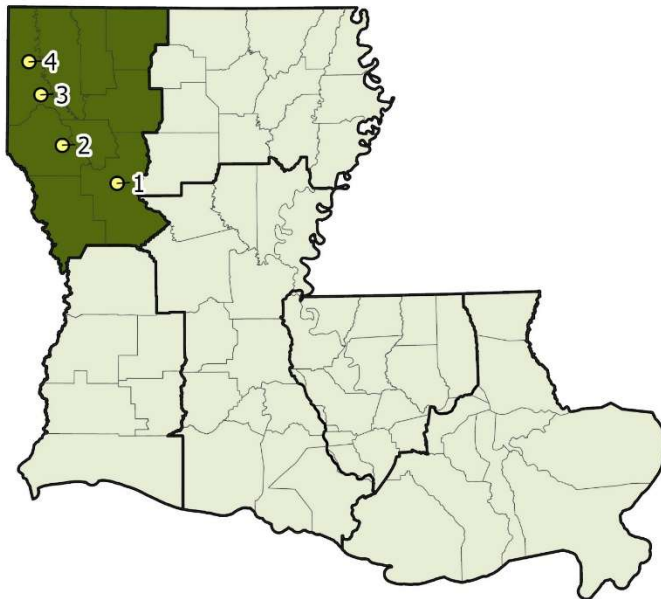
Figure 15 Landfills that Accept C&D Debris for the Northeast Region (Reference Table 17)

²⁷ Temporarily inactive.

²⁸ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Northwest Region Landfills that Accept C&D Debris

Table 18 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023								
AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
NORTHWEST REGION								
15427	Natchitoches Parish C&D Landfill	III	4,468	0	206,865	52,634	47,021	144
19803	DeSoto Parish Police Jury - Mundy Sanitary Landfill	I, II, III	6,182	19	4,561,000	1,888,124	999,352	34
52368	South Shreveport Landfill	III	72,500	0	1,112,000	1,057,660	925,160	188
117009	Mikeebo C&D Landfill	III	36,487	0	1,850,000	1,677,946	1,601,826	528
	Regional Totals²⁹		384,852	0	7,729,865	4,676,364	2,574,132	



Northwest Region Map

1. Natchitoches Parish C&D Landfill
2. DeSoto Parish Police Jury - Mundy Sanitary Landfill
3. South Shreveport Landfill
4. Mikeebo C&D Landfill

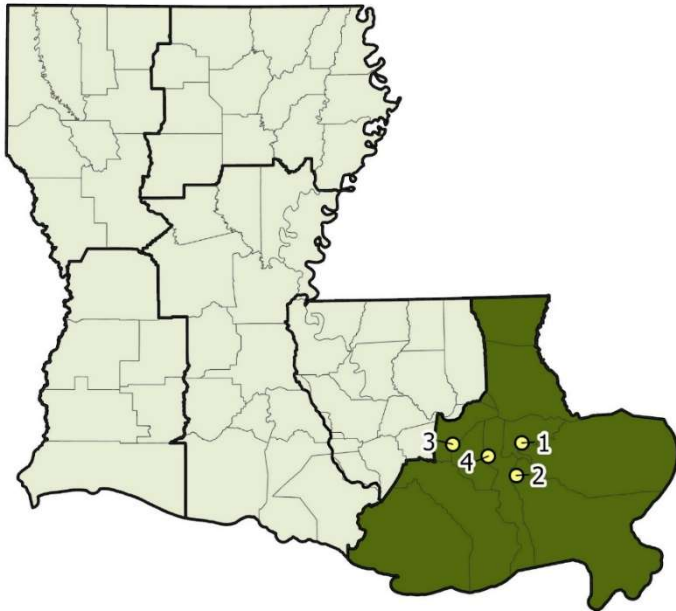
Figure 16 Landfills that Accept C&D Debris for the Northwest Region (Reference **Table 18**)

²⁹ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southeast Region Landfills that Accept C&D Debris

Table 19 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHEAST REGION								
1036	Gentilly Landfill	III	73,964	0	3,932,878	1,874,409	1,874,484	248
14689	Riverside Recycling & Disposal LLC - Industrial Pipe Inc.	III	77,961	0	2,551,798	2,361,343	2,173,906	113
92039	KV Landfill	III	90,226	0	3,909,416	3,678,818	3,170,168	838
100642	Hwy 90 C&D Landfill	III	284,172	0	37,160,340	31,986,510	31,243,353	812
	Regional Totals³⁰		384,852	0	47,554,432	39,901,080	38,461,911	



Southeast Region Map

1. Gentilly Landfill
2. Riverside Recycling & Disposal LLC - Industrial Pipe Inc.
3. KV Landfill
4. Hwy 90 C&D Landfill

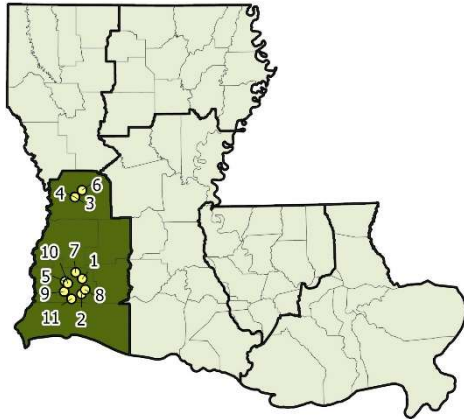
Figure 17 Landfills that Accept C&D Debris for the Southeast Region (Reference **Table 19**)

³⁰ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Southwest Region Landfills that Accept C&D Debris

Table 20 - Remaining Capacity and Disposal for Landfills that Accept C&D Debris for Fiscal Year 2023

AI	Name	Type	Waste Origin (wet tons)		Permitted Capacity (wet tons)	2021 Remaining Capacity (wet tons)	2023 Remaining Capacity (wet tons)	2023 Remaining Capacity (months)
			In State	Out of State				
SOUTHWEST REGION								
7744	McManus Construction Inc - Old Town Road Landfill	III	36,357	0	517,907	109,714	47,253	22
30781	Tommasi Disposal	III	16,413	0	1,474,082	161,637	124,299	96
40072	Chaney Trucking Disposal - Calcasieu Facility	III	4,356	0	350,000	66,695	103,876	169
52141	Vernon Parish C&D Landfill	III	448	0	1,246,666	1,176,139	1,174,776	31,496
67860	Krause & Managan Landfill	III	98,251	0	1,128,171	219,148	238,841	57
82479	Schamerhorn C&D Landfill	III	24,891	0	1,290,000	951,374	908,881	326
92737	Chaney Trucking Disposal - Vernon Parish Facility ³¹	III	0	0	200,000	189,109	186,609	896
133512	Jevcon C&D Landfill	III	25,214	0	1,910,278	1,726,646	1,677,195	158
134011	McManus Construction Inc - Carlyss C&D Landfill	III	24,900	0	1,110,000	1,032,731	980,807	480
151876	108 Disposal C&D Landfill ³²	III	0	0	220,000	46,496	—	—
168535	BP Disposal	III	41,944	0	750,000	242,466	120,302	55
Regional Totals³³			272,774	0	10,197,104	5,922,155	5,562,839	



Southwest Region Map

Figure 18 Landfills that Accept C&D Debris for the Southwest Region (Reference **Table 20**)

1. McManus Construction Inc - Old Town Road Landfill
2. Tommasi Disposal
3. Chaney Trucking Disposal - Calcasieu Facility
4. Vernon Parish C&D Landfill
5. Krause & Managan Landfill
6. Schamerhorn C&D Landfill
7. Chaney Trucking Disposal - Vernon Parish Facility
8. Jevcon C&D Landfill
9. McManus Construction Inc - Carlyss C&D Landfill
10. 108 Disposal C&D Landfill
11. BP Disposal

³¹ Operates on an as-needed basis.

³² Temporarily inactive as of 2022.

³³ The total remaining capacity for the region (in both cubic yards and wet tons) only includes landfills that accept off-site generated waste. Landfills that accept only on-site generated waste are excluded from this calculation. If a landfill handles both on-site and off-site generated waste, the listed capacity may be slightly overestimated. However, this minor difference does not significantly affect the overall capacity for the region.

Miscellaneous Solid Waste Management

Generated and Transported Waste

For FY22 and FY23, 31,066,919 wet-tons of solid waste (Type I, II, and III) were generated in state, while 422,426 wet-tons of solid waste were generated out of state.

As of July 1, 2024, the state has over 1,000+ waste transporters authorized by the LDEQ to transport solid waste. For the combined FY22 and FY23, 15,947,763 wet-tons of solid waste were transported to off-site permitted solid waste disposal facilities.

Processing Facilities

Louisiana has 18 state-permitted processing facilities, which play a crucial role in the state's waste management system by ensuring effective processing and management of various types of waste. The activities at these facilities include:

- **General Waste Separation Transfer Stations:** These stations collect and separate general waste, sorting out materials that can be recovered, recycled, or reused before transporting the remaining waste to its final disposal site.
- **Grease Trap Separation Facilities:** These facilities handle waste from grease traps, separating grease and oils from water.
- **Oil Separation and Recovery Facilities:** At these locations, used oil is separated and recovered for further use.
- **Exploration & Production (E&P) Recovery Facilities:** These facilities treat exploration and production (E&P) waste, including drilling wastes, salt water, and other byproducts associated with crude oil or natural gas wells.
- **Medical Waste Facilities:** These facilities treat medical waste using technologies such as autoclaves, ozone generators, and incinerators, making the waste safe for disposal.

For FY22 and FY23, a total of 1,084,882 wet-tons of waste were processed at permitted processing facilities.

Disposal Trends

Figures 19 through 36 detail the quantities of off-site generated waste, originating in state and out of state, for each region. This data is vital for assessing the adequacy of Louisiana’s landfill capacity. The impact of storm-debris management on specific regions is also highlighted.

Acadiana Region

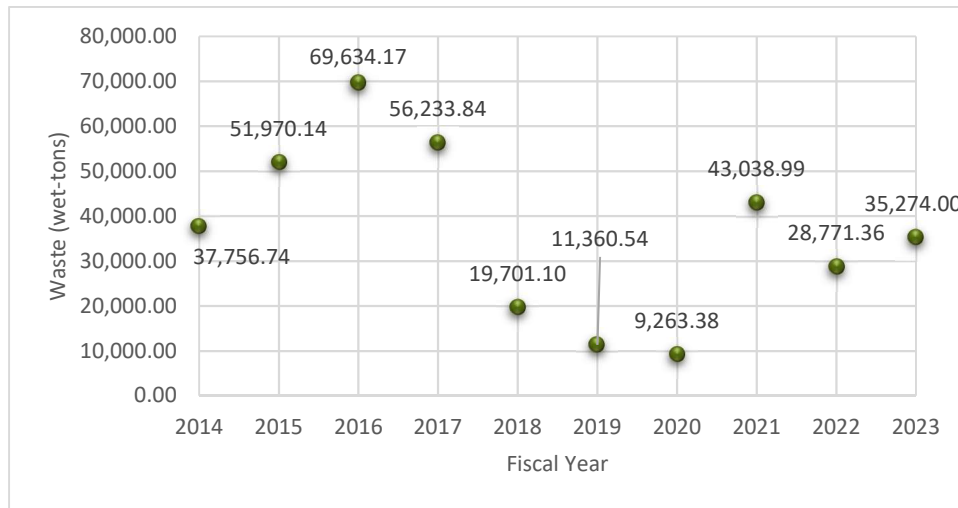


Figure 19 Off-Site Generated Type I Waste per Fiscal Year

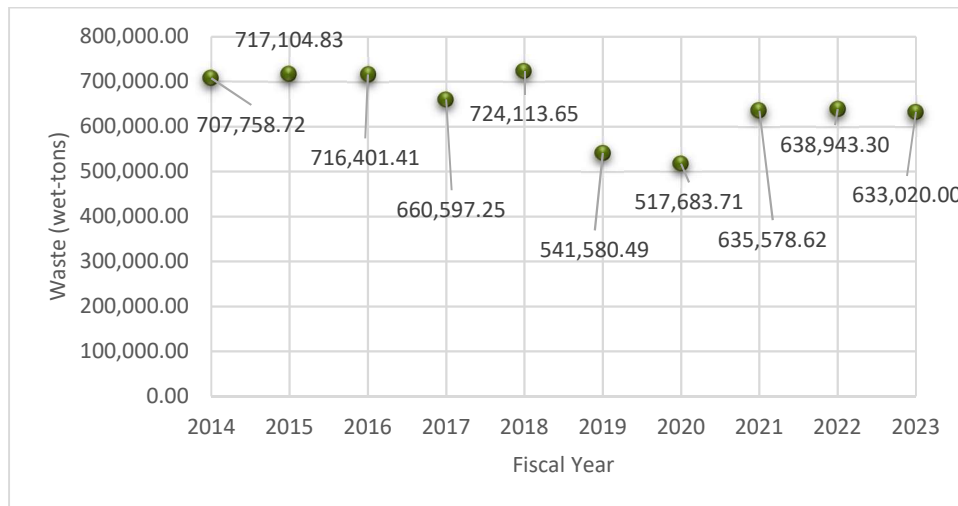


Figure 20 Off-Site Generated Type II Waste per Fiscal Year

Acadiana Region (Continued)

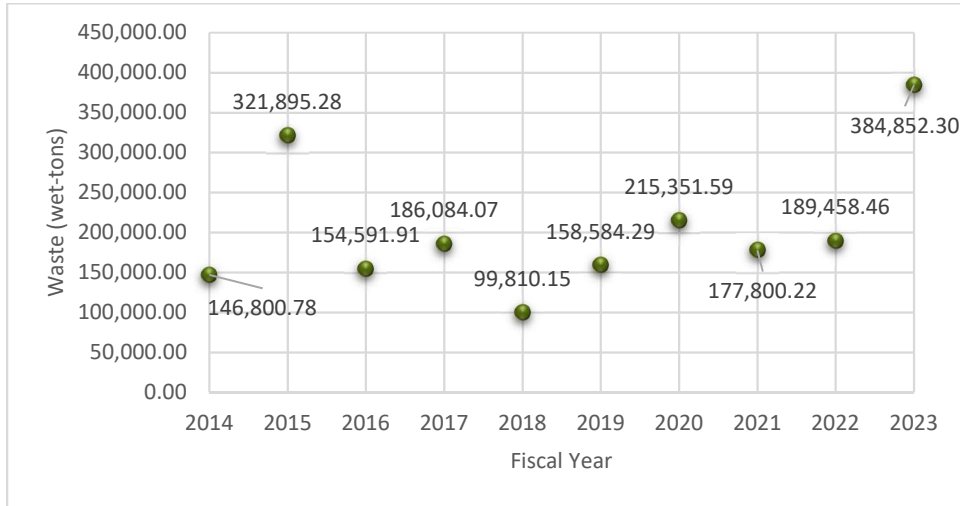


Figure 21 Off-Site Generated Type III Waste per Fiscal Year

Capital Region

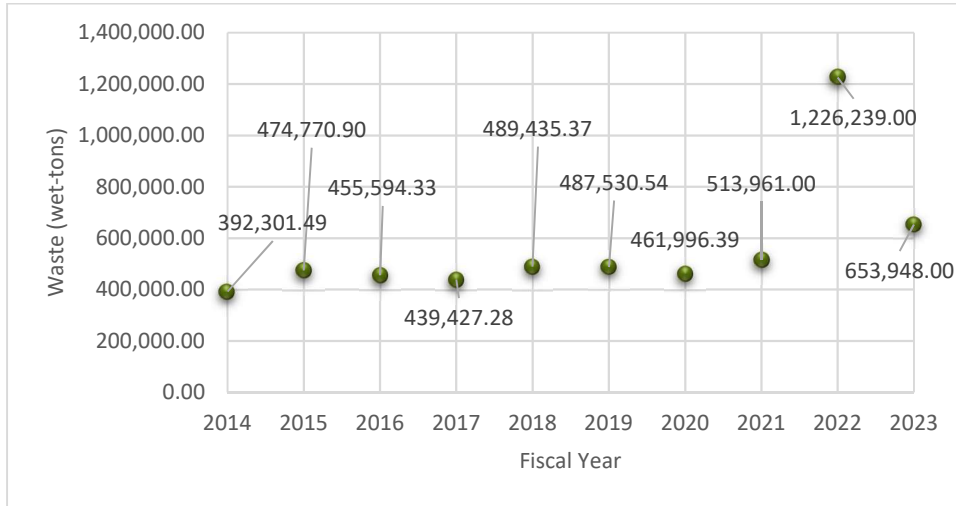


Figure 22 Off-Site Generated Type I Waste per Fiscal Year

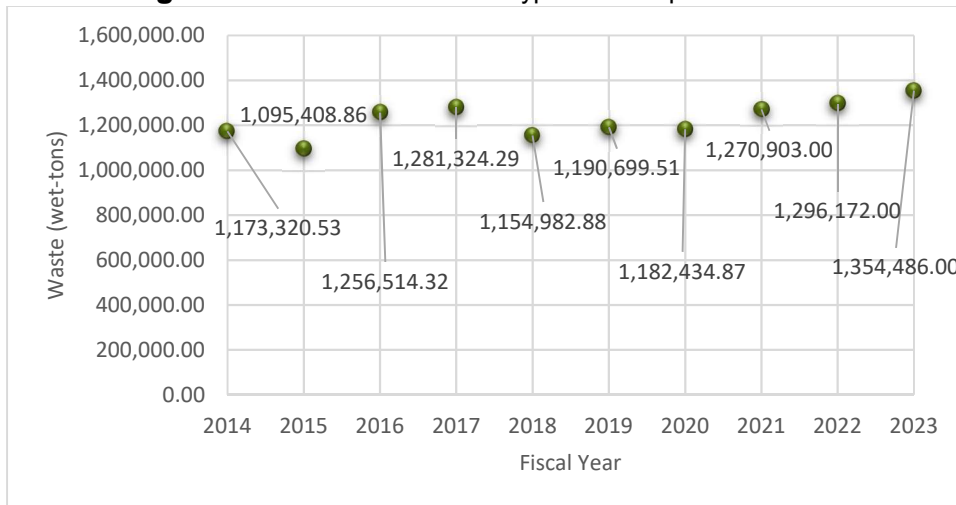


Figure 23 Off-Site Generated Type II Waste per Fiscal Year

Capital Region (continued)

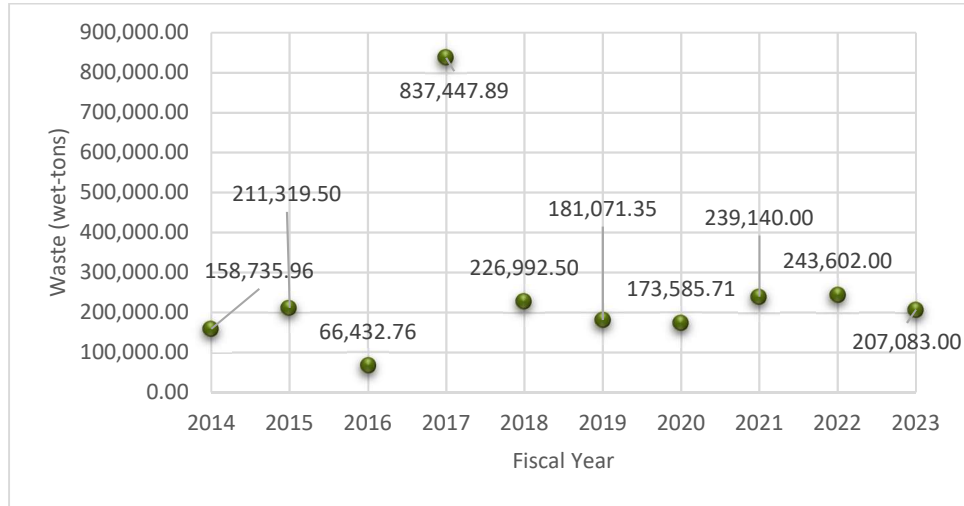


Figure 24 Off-Site Generated Type III Waste per Fiscal Year

Northeast Region

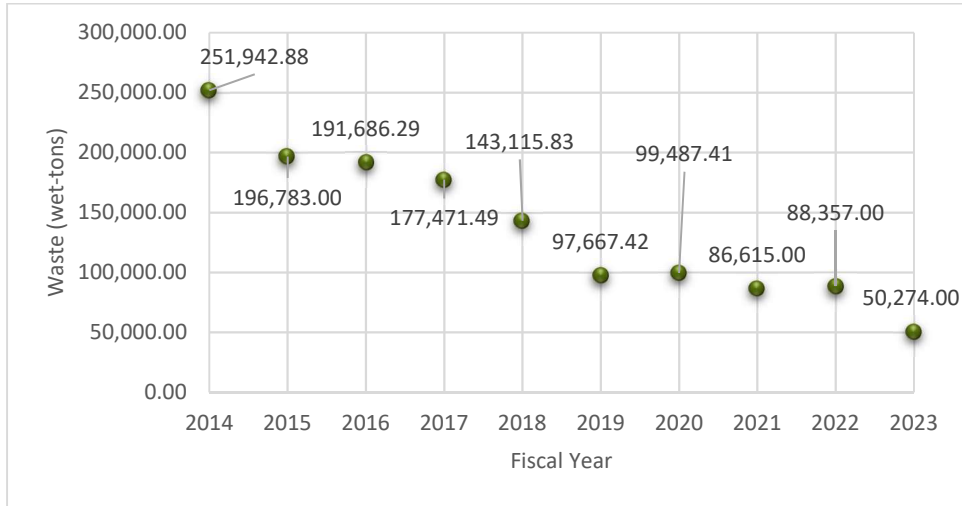


Figure 25 Off-Site Generated Type I Waste per Fiscal Year

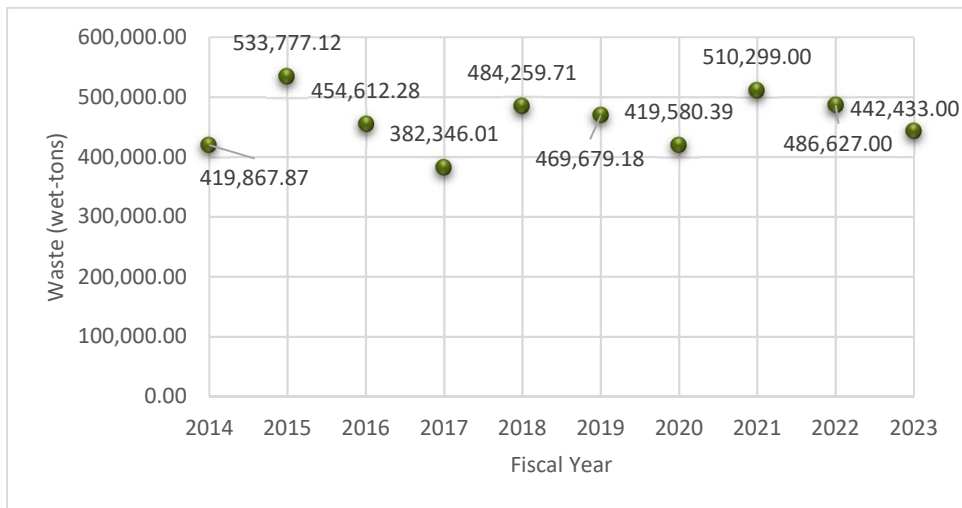


Figure 26 Off-Site Generated Type II Waste per Fiscal Year

Northeast Region (continued)

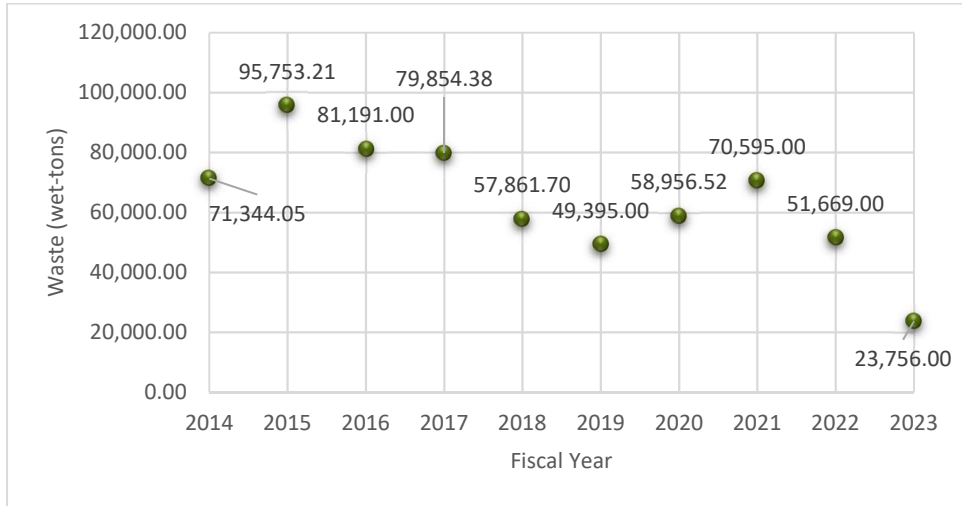


Figure 27 Off-Site Generated Type III Waste per Fiscal Year

Northwest Region

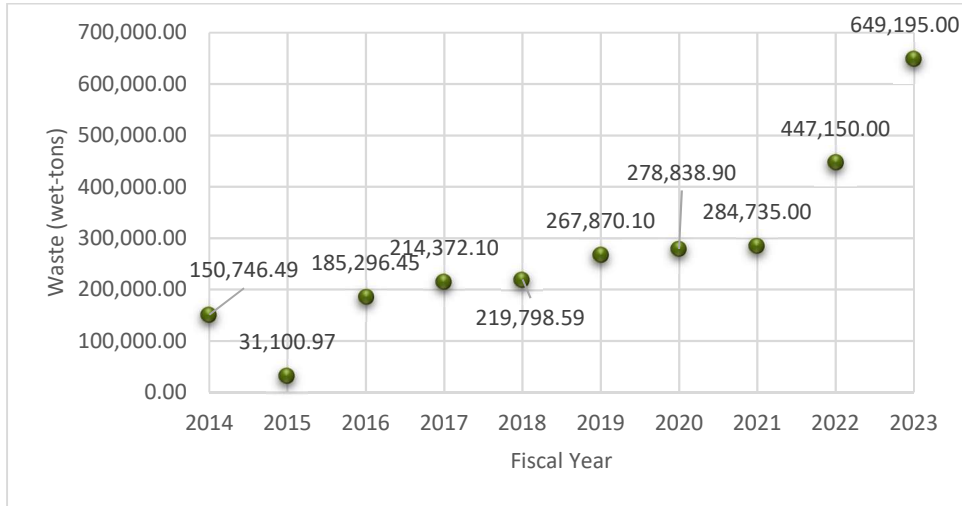


Figure 28 Off-Site Generated Type I Waste per Fiscal Year

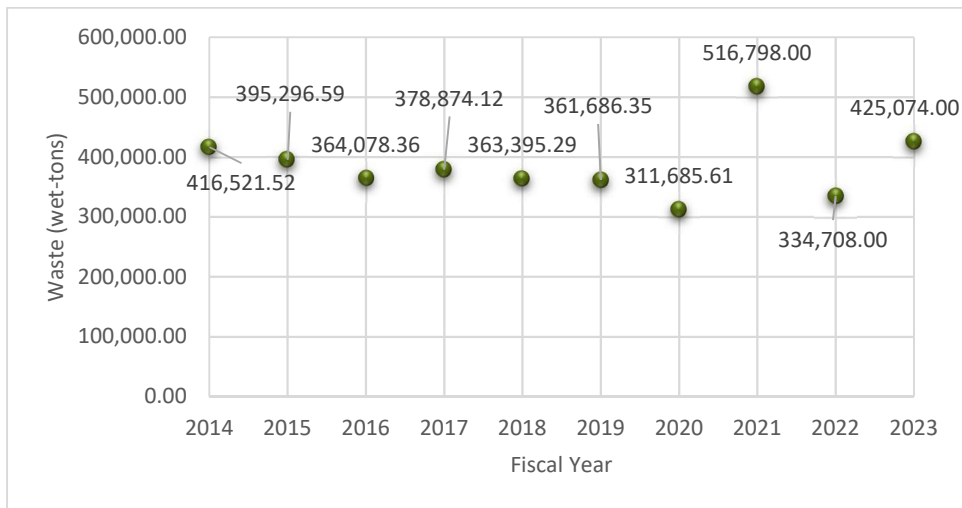


Figure 29 Off-Site Generated Type II Waste per Fiscal Year

Northwest Region (continued)

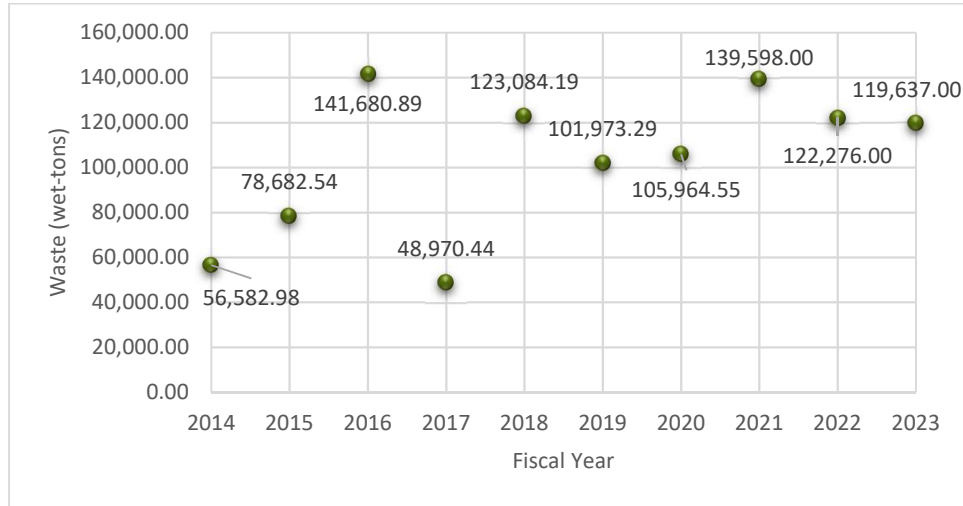


Figure 30 Off-Site Generated Type III Waste per Fiscal Year

Southeast Region

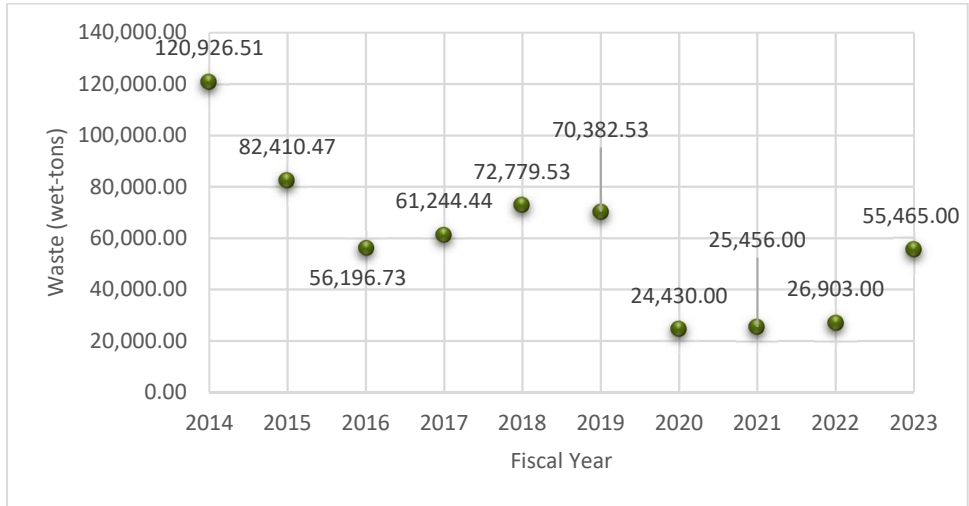


Figure 31 Off-Site Generated Type I Waste per Fiscal Year

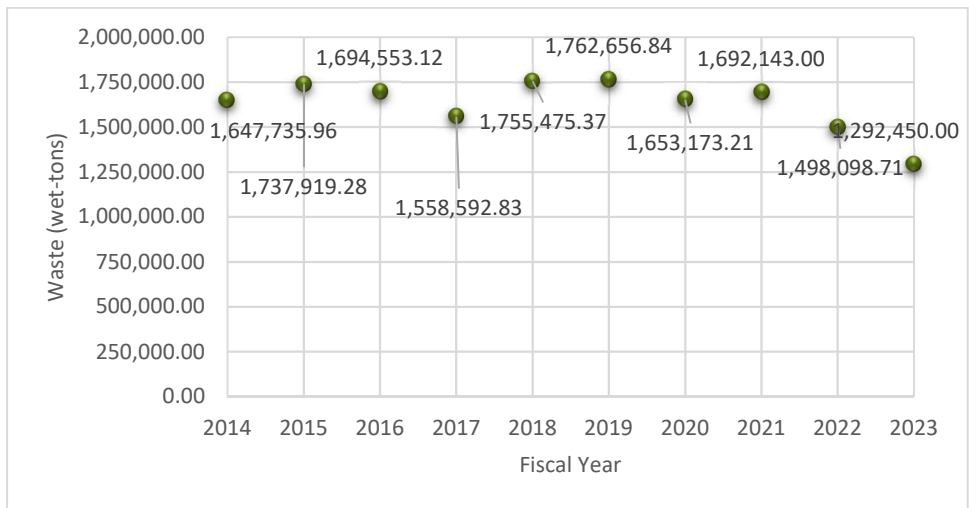


Figure 32 Off-Site Generated Type II Waste per Fiscal Year

Southeast Region (continued)

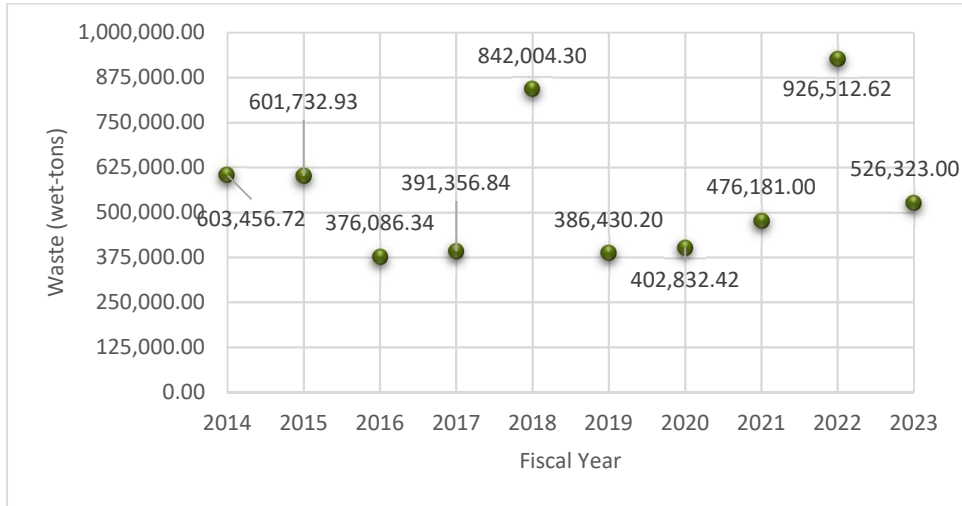


Figure 33 Off-Site Generated Type III Waste per Fiscal Year

Southwest Region



Figure 34 Off-Site Generated Type I Waste per Fiscal Year

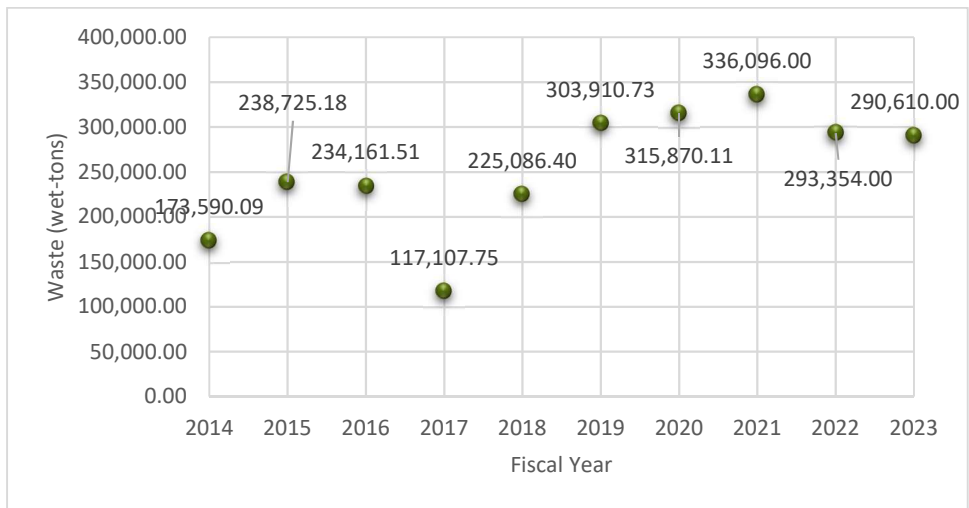


Figure 35 Off-Site Generated Type II Waste per Fiscal Year

Southwest Region (continued)

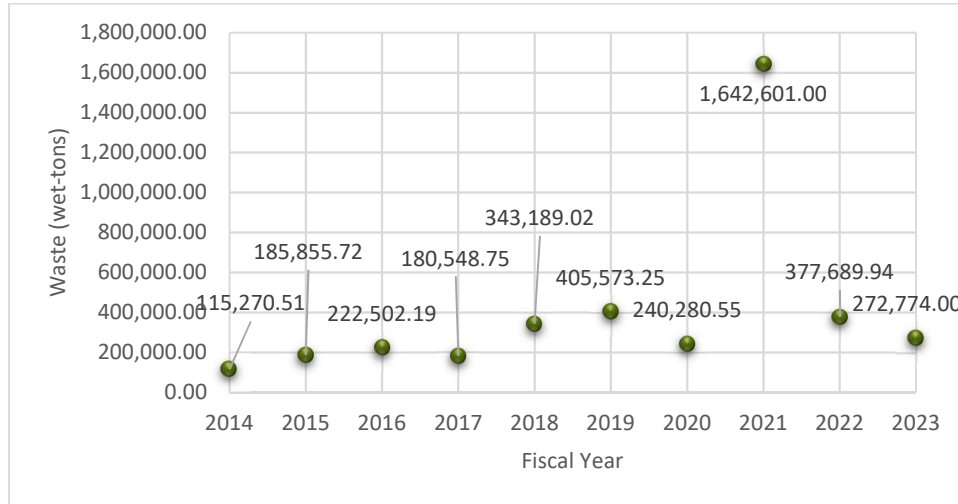


Figure 36 Off-Site Generated Type III Waste per Fiscal Year

An analysis of the data in the figures above reveals the impacts of the August 2016 Flood and the 2020 Hurricane Season, in particular Hurricanes Laura and Delta, on the affected regions. When examining **Figures 24** and **36**, the following conclusion can be made regarding the impact of these two significant storm events on the region's C&D debris generation:

In the Capital Region, the average generation of C&D debris from FY 2014 to FY 2023, **excluding FY 2017**, is 191,075.75 wet-tons per year. Therefore, the Type III waste generation for FY 2017 (*837,447.89 wet-tons*) is 646,372.14 wet-tons higher than the average waste generated from non-emergency impacted fiscal years.

In the Southwest Region, the average Type III waste generated from FY 2014 to FY 2023, **excluding FY 2021**, is 257,609.44 wet-tons per year. Therefore, the Type III waste generation for FY 2021 (*1,642,601 wet-tons*) is 1,384,991.56 wet-tons higher than the average waste generated from non-emergency impacted fiscal years.

Conclusion

The LDEQ has determined that solid waste capacity in Louisiana is effectively and appropriately managed and evaluated through the solid waste permitting process. Statewide solid waste disposal capacity is neither excessive nor insufficient compared to annual waste generation. The management of post-hurricane vegetative debris highlights continued efforts to promote waste reduction and reuse, which directly impacts landfill capacity.

During FY22 and FY23, a total of 31,489,345 wet tons of waste were efficiently managed and disposed of in Louisiana landfills, covering both on-site and off-site facilities. According to our current estimates in Tables 21 and 22, the remaining landfill capacity is projected to be sufficient for the next 14 years. Given this timeframe, it's important to continue planning for additional capacity well in advance to ensure a smooth transition and continued efficiency in waste management.

As provided in the executive summary, **Table 21** and **Table 22** display the results of the disposal rates and remaining capacities for each region. Table 21 displays the estimated remaining years of landfill capacity by region at Off-Site Generated Industrial Solid Waste (Type I) and Municipal Solid Waste (Type II) Landfills, and Table 22 displays the estimated remaining years of landfill capacity at Construction/Demolition (C&D) Debris (Type III) Landfills. The estimated years remaining are calculated by dividing the remaining capacity by the annual 10-year average disposal rate.

Table 21 – Off-Site Generated Industrial (Type I) and Municipal (Type II) Solid Waste ³⁴			
Region	Annual Disposal Rate 10-Year Average (wet tons/year)	Remaining Capacity (wet tons)	Estimated Years Remaining
Acadiana	685,579	32,502,820	47
Capital	1,792,592	59,106,906	33
Northeast	598,688	30,633,483	51
Northwest	660,099	36,787,179	56
Southeast	1,688,899	40,530,562	24
Southwest	289,640	5,472,586	19

Table 22 - Construction/Demolition (C&D) Debris (Type III)			
Region	Annual Disposal Rate 10-Year Average (wet tons/year)	Remaining Capacity (wet tons)	Estimated Years Remaining
Acadiana	203,523	4,189,998	21
Capital	254,541	10,241,302	40
Northeast	64,038	2,164,412	34
Northwest	103,845	2,574,132	25
Southeast	553,292	38,461,911	70
Southwest	398,628	5,562,839	14

³⁴ The estimated lifespan for Industrial (Type I) Solid Waste Landfills that receive waste generated from an off-site location cannot be determined due to the presence of multi-type landfills and the on-site disposal of industrial solid waste. **Table 21** consolidates data for both Off-Site Generated Industrial Solid Waste (Type I) and Municipal Solid Waste (Type II), as several multi-type landfills are capable of accepting both types of waste.